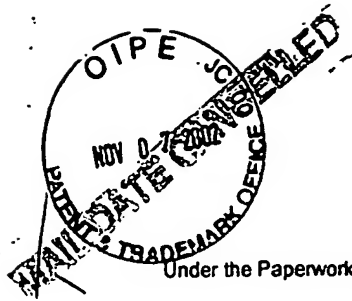


Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/074,314		
		Filing Date	February 12, 2002		
		First Named Inventor	Kanade		
		Art Unit	2612		
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	010129

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
B.		5,917,937	Jun 29, 1999	Szeliski et al.	
B.		6,137,491	Oct 24, 2000	Szeliski	
B.		6,084,979	Jul 4, 2000	Kanade et al.	
					RECEIVED
					NOV 13 2002
					Technology Center 2600

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1°
B.		EP 0 529 317 A1	Mar 03, 1993	Sensomatic Electronics Corporation		

Examiner Signature		Date Considered	11/8/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PI-925674 v1 0201710-0741



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/074,314		
		Filing Date	February 12, 2002		
		First Named Inventor	Kanade		
		Art Unit	2612		
Examiner Name					
Sheet	2	of	2	Attorney Docket Number	010129

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
B.		Kanade, T. et al.: "Virtualized Reality: Constructing Virtual Worlds From Real Scenes" IEEE Multimedia, Jan - Mar 1997, IEEE, USA, Vol. 4, No. 1, pages 34 - 47.	
B.		Narayanan, P.J et al.: "Constructing Virtual Worlds Using Dense Stereo" 6 th International Conference On Computer Vision. ICCV '98. Bombay, Jan. 4-7, 1998, IEEE International Conference On Computer Vision, New York, NY: IEEE, US, 1998, pages 3-10.	
B.		Tsai R Y: "A Versatile Camera Calibration Technique For High-Accuracy 3D Machine Vision Metrology Using Off-The-Shelf TV Cameras and Lenses," IEEE Journal of Robotics and Automation, IEEE Inc. New York, US, vol. RA-3, no. 4, August 1987 (1987-08), pages 323-344.	
B.		Vedula S et al.: "Modeling, combining and rendering dynamic real-world events from image sequences," VSM98. 4 th International Conference On Virtual Systems and Multimedia, 1998, pages 326-332.	

Examiner Signature		Date Considered	11/8/05
--------------------	--	-----------------	---------

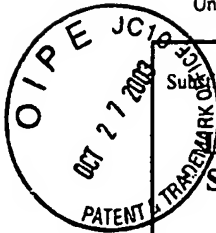
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
NOV 13 2002
Technology Center 2600

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449A/PTO

Complete if Known

RECEIVED

OCT 30 2003

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2	Application Number	10/074,314
				Filing Date	February 12, 2002
				First Named Inventor	Kanade
				Art Unit	2612
				Examiner Name	
				Attorney Docket Number	010129

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

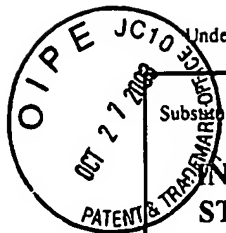
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
B -		WO 99 52288 A	10-14-1999	Kewazinga, LLC		
IS -		WO 02 096096 A	11-28-2002	Zaxel Systems, Inc.		
B -		WO 02 087218 A	10-31-2002	Kewazinga Corp.		

Examiner Signature		Date Considered	11/8/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

RECEIVED

OCT 30 2003

Technology Center 2600

Application Number	10/074,314
Filing Date	February 12, 2002
First Named Inventor	Kanade
Art Unit	2612
Examiner Name	
Attorney Docket Number	010129
Sheet 2 of 2	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
B.		Spice, Byron: "CMU experts helping CBS's 30 robotic cameras to work as one", Pittsburgh Post-Gazette, Jan. 24, 2001, Pittsburgh, PA, USA.	
B.		Grotticelli, Michael: "CBS Sports eyes Final Four", Broadcasting & Cable, no. 13, March 26, 2001, North Hollywood, CA, USA. (www.broadcastingcable.com/index.asp?layout=print_page&articleID=CA67817)	
B.		Saito, H., et al.: "Appearance-Based Virtual View Generation of Temporally-Varying Events from Multi-Camera Images in the 3D Room", 3-D Digital Imaging & Modeling, 1999 Proceedings. Second International Conference in Ottawa, Ont., Canada. October 4-8, 1999, Los Alamitos, CA, USA. IEEE COMPUT. SOC, US. October 4, 1999 pages 516-525	

Examiner Signature		Date Considered	11/8/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.